

Product Name: MLK1 Rabbit Polyclonal Antibody
Catalog #: APRab13951



Summary

Production Name	MLK1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	MAP3K9
Alternative Names	MAP3K9; MLK1; PRKE1; Mitogen-activated protein kinase kinase kinase 9; Mixed lineage kinase 1
Gene ID	4293.0
SwissProt ID	P80192. The antiserum was produced against synthesized peptide derived from human MAP3K9. AA range:561-610

Application

Dilution Ratio	IHC-P 1:100-1:300, ELISA 1:20000, IF-P/IF-F/ICC/IF 1:50-200
Molecular Weight	

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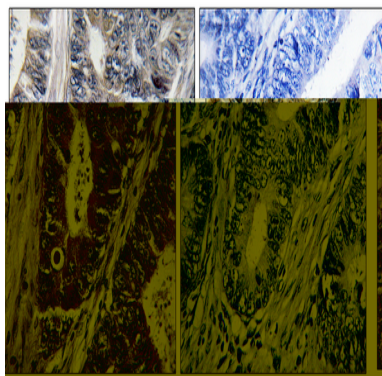
Background

MAP3K9 (Mitogen-Activated Protein Kinase Kinase 9) is a Protein Coding gene. Diseases associated with MAP3K9 include retroperitoneal neuroblastoma. Among its related pathways are MAP Kinase Signaling and TGF-Beta Pathway. GO annotations related to this gene include protein homodimerization activity and protein kinase activity. An important paralog of this gene is KSR1. catalytic activity:ATP + a protein = ADP + a phosphoprotein., cofactor:Magnesium., enzyme regulation:Homodimerization via the leucine zipper domains is required for autophosphorylation and subsequent activation., function:Activates the JUN N-terminal pathway., PTM:Autophosphorylation on serine and threonine residues within the activation loop plays a role in enzyme activation. Thr-312 is likely to be the main autophosphorylation site., similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily., similarity:Contains 1 protein kinase domain., similarity:Contains 1 SH3 domain., subunit:Homodimer., tissue specificity:Expressed in epithelial tumor cell lines of colonic, breast and esophageal origin.,

Research Area

Regulation of Actin Dynamics; SAPK_JNK; Stem cell pathway; B_Cell_Antigen

Image Data



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using MAP3K9 Antibody. The picture on the right is blocked with the synthesized peptide.

Note

For research use only.